APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

S-4559 (DC-2155)

Problems Concerning the Interrelation Between the Cerebral Cortex and the Internal Organs, by D. A. Biryukov, 9 pp.

RUSSIAN, per, Fiziol Zhur SSSR, Vol XLII, No 2, Moscow, Feb 1956, pp 142-148.

US JPRS/DC-L-875

Sci - Medicine

74,981

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

S-4559 (DC-2155)

Method for the Complete Exclusion of Visual, Auditory, Vestibular, and Olfactory Receptors, by B. N. Klosovskiy, Ye. N. Kosmarskaya, 5 pp.

RUSSIAN, per, Fiziol Zhur SSSR, Vol XLII, No 2, Moscow, Feb 1956, pp 242-244.

US JPRS/DC-L-876

Sci - Medicine

74,981

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

On the Theory of Electroplethysmography,
by Yu. Ye. Moskalenko, A. I. Naumenko, 11 pp.

RUSSIAN, per, Fiz Zhur SSSR, Vol XLII, No 3,
1956, pp 312-316.

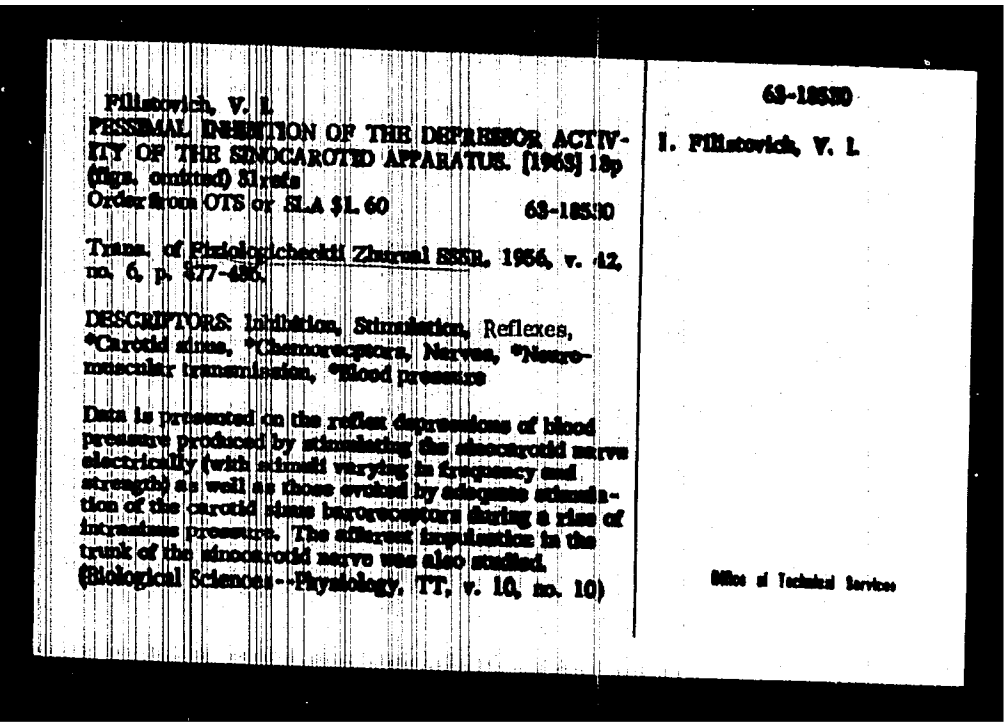
NASA TT F-157

Sci-Phys
May 63

N 63 23089 7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2



Filimonich, V. I.
PESSIMAL INHIBITION OF THE DEPRESSOR ACTIVITY OF THE SINOCAROTID APPARATUS. [1963] 18p (illus. omitted) 3 refs
Order from OTS or SLA $1.60 63-18530

Trans. of Fiziologicheskii Zhurnal SSSR, 1954, v. 42, no. 6, p. 477-486.

DESCRIPTORS: Inhibition, Stimulation, Reflexes, *Carotid sinus, *Chemoreceptors, Nerves, *Neuromuscular transmission, *Blood pressure

Data is presented on the reflex depressions of blood pressure produced by stimulating the sinocarotid nerve electrically (with stimuli varying in frequency and strength) as well as those evoked by adequate stimulation of the carotid sinus baroreceptors during a rise of intrasinus pressure. The effects of stimulation in the trunk of the sinocarotid nerve was also studied.
(Biological Sciences--Physiology, TT, v. 10, no. 10)

63-18530

1. Filimonich, V. I.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Contribution to the Problem of the Regulation of the Breathing and Circulation of the Blood in the Somnolent State, 8 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M. Sechenov, No 7, 1956, pp 541-545. 9670161

ATIC MCL-920/1

Sci - Med

Jul 61

159,231

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Na Pressure Fluctuations in the Hermetric Cavity, by A. I. Naumenko, 14 pp.

RUSSIAN, Fiz Zhur SSSR, Vol XLII, No 8, 1956, pp 660-667.

NASA TT F-162

Sci-Biol & Med Sci
Apr 63

226,760

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

(DC-1164)

On the Mechanism of Adaptation of Reflex Reactions, by V. V. Frolkis, A. V. Frolkis, 8 pp.

RUSSIAN, mo per, Fiziol Zhur SSR, imeni I. M. Sechenova, Vol XLII, No 10, Moscow/Leningrad, Oct 1956, pp 854-860.

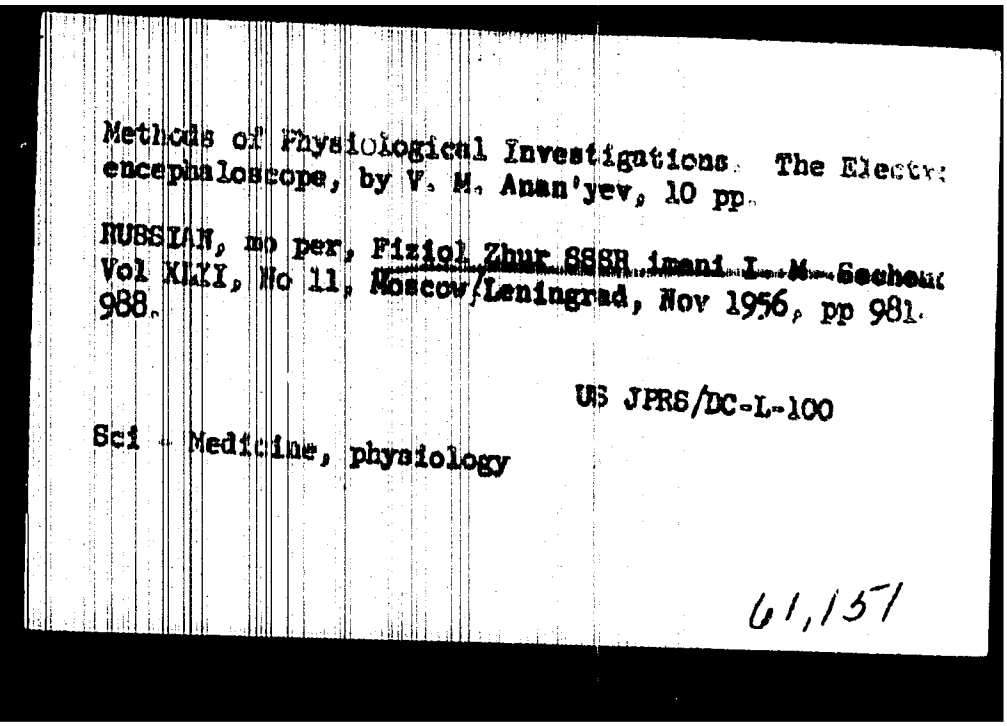
US JPRS/DC-L-659
62-15054

Sci - Medicine, Physiology

20, 161

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2



Methods of Physiological Investigations. The Electr: encephaloscope, by V. M. Anan'yev, 10 pp.

RUSSIAN, no per, Fiziol Zhur SSSR imeni I. M. Sechenc Vol XLII, No 11, Moscow/Leningrad, Nov 1956, pp 981-988.

US JPRS/DC-L-100

Sci - Medicine, physiology

61,151

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

S-4569 (NY-1848)

The Application of Multipolar Electrodes to the Hypothalamic Area of Dogs During Chronic Experiments, by P. G. Bogach, A. P. Kosenko, 6 pp.

RUSSIAN, per, Fiziol Zhur SSSR, Vol XLII, No 11, Moscow, Nov 1956, pp 988-992.

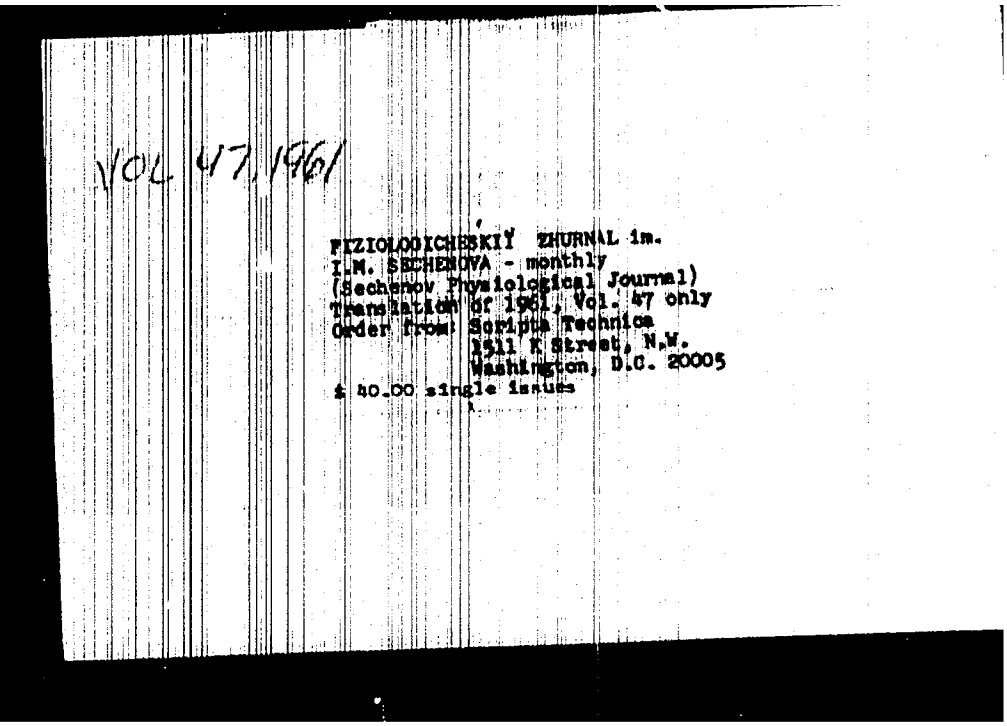
US JPRS/NY-L-369

Sci - Medicine

74,989

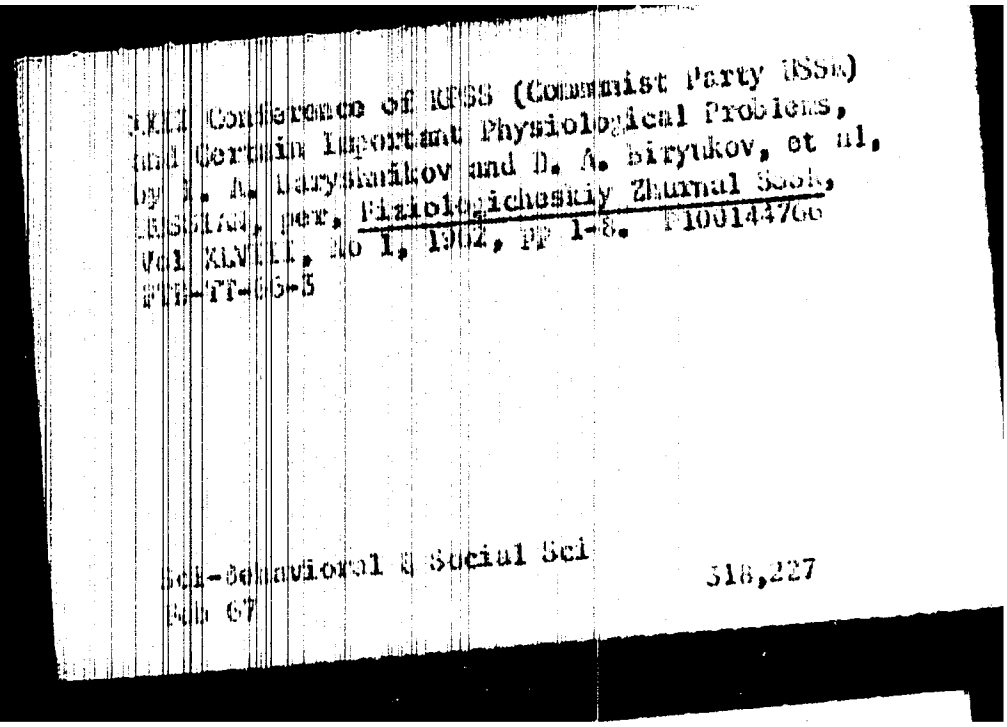
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2



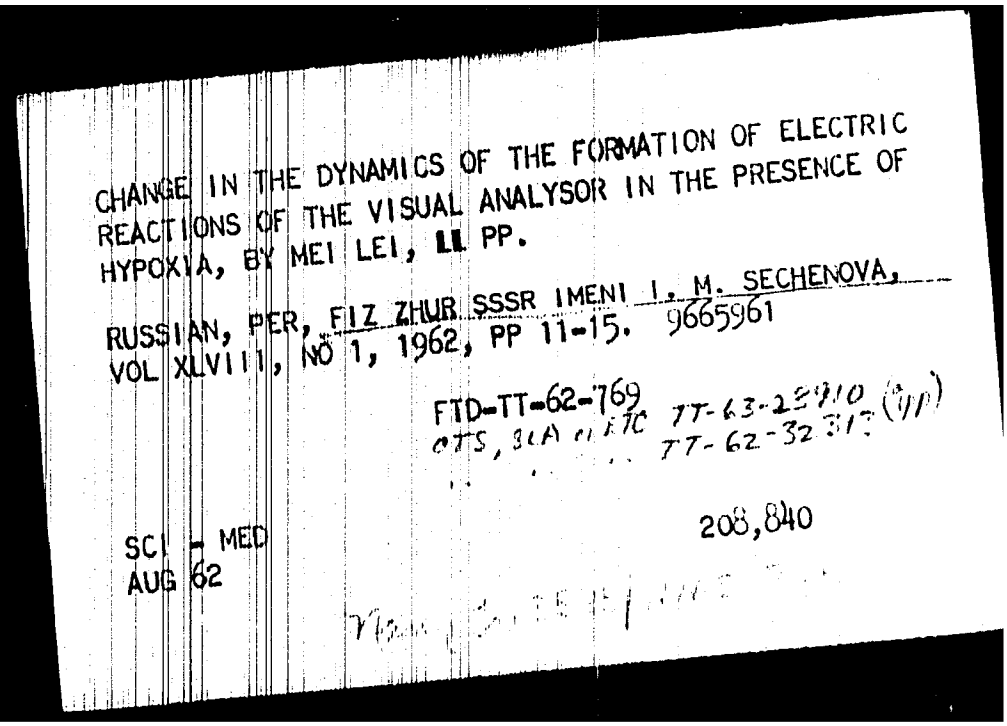
XXII Conference of KPSS (Communist Party USSR)
[on] Certain Important Physiological Problems,
by [illegible] A. Baryshnikov and D. A. Biryukov, et al,
USSR/Med, per, Fiziologicheskiy Zhurnal SSSR,
Vol XLVIII, No 1, 1962, pp 1-8. 10014476
FTD-TT-63-5

Sci-Behavioral & Social Sci
Sub 67

316,227

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2



CHANGE IN THE DYNAMICS OF THE FORMATION OF ELECTRIC REACTIONS OF THE VISUAL ANALYSOR IN THE PRESENCE OF HYPOXIA, BY MEI LEI, 11 PP.

RUSSIAN, PER, FIZ ZHUR SSSR IMENI I. M. SECHENOVA, VOL XLVIII, NO 1, 1962, PP 11-15. 9665961

FTD-TT-62-769 OTS, JCA ETC TT-63-23910 (VP) TT-62-32317

SCI - MED
AUG 62

208,840

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Bioelectric Activity of Single Hypothalamus Neurons at Brief Displacements of Osmotic Pressure in the Basin of Internal Carotoid and Portal Vein of the Liver, by V. F. Tolkachov,

RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, Vol XLVIII, No 1, 1962, pp 39-46. F10014476

FTD-TT-66-5

Sci-Phys
Feb 67

316,228

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

INVESTIGATION OF TONIC REFLEXES ON STIMULATION OF DIFFERENT HUMAN SENSE ORGANS, BY G. M. MARGOLIN, 6 PP.

RUSSIAN, PER, FIZIOL ZHUR SSSR IMENI I. M. SECHONOVA, VOL XLVIII, NO 1, 1962, PP 95-97. 9665945

FTD-TT-62-558

SCI - MED
AUG 62 207,962

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

(NY-6503)

AUTOMATIC SAMPLING OF FRACTIONS OF ALVEOLAR AIR AT A GIVEN DEPTH OF EXPIRATION, BY M. S. SHNEYDER , N. S. DIDENKO, 7 PP.

RUSSIAN, PER, FIZIOLOGICHESKIY ZHURNAL SSSR, VOL XLVIII, NO 1, 1962, PP 99--103.

JPRS 14302

SCI - PHYS

JUL 62 202,028

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

(NY-6503)

SCIENTIFIC CONGRESSES AND CONFERENCES. REPORTS ON PROBLEMS OF THE PHYSIOLOGY OF ANALYZERS, BY V. D. GLEZER, YE. A. RADIONOVA, 6 PP.

RUSSIAN, PRE, FIZIOLOGICHESKIY ZHURNAL SSSR, VOL XLVIII, NO 1, 1962, PP 108-111.

JPRS 14302

SCI - MED

JUL 62 202,029

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

(NY-6503)

X38

THE TASKS OF PHYSIOLOGICAL CHEMISTRY IN THE LIGHT OF THE NEW PROGRAM OF THE COMMUNIST PARTY USSR, BY N. N. YAKOVLEV, 8 PP.

RUSSIAN, PER, FIZIOL ZHUR SSSR IMENI I. M. SECHENOVA, VOL XLVIII, NO 2, 1962, PP 121-125.

JPRS 14069

SCI - CHEM, PHYS
JUN 62

199,140

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Kovalenko, E. A.
THE EFFECT OF HIGHLY RAREFIED ATMOSPHERE ON OXYGEN TENSION IN BRAIN TISSUE. [1962] [25]p. 18 refs. FASEB manuscript no. S 2-2.
Order from CTS or SLA $2.60 63-15428

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 2, p. 150-158.
Another trans. is available from CTS or SLA $1.60 as 62-20306 [1962] [16]p.

DESCRIPTORS: *Oxygen, *Brain, *High altitude, Atmosphere, Anoxia.

Seventeen to twenty-five seconds after dogs are exposed to an "altitude of 15,000 m, muscles relax, position reflexes are lost, and collapse ensues; after 55 to 105 sec complete respiratory standstill sets in, indicating the outermost limit of time that the animals can remain at the "altitude" before irreversible changes take place. (Biological Sciences--Physiology, TT, v. 9, no. 9) (over)

63-15428

I. Kovalenko, E. A.
II. FASEB S-2-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Optimum Conditions for Recording Electrophlethysmograms of Parts and Organs of the Human Body,by Yu. Ye. Moskalenko, 8 pp.
RUSSIAN, per. Fiziol Zhur SSSR imeni I. M. Sechenova,
Vol XLVIII, No 2, 1962, pp 214-218. 9221167
NASA TT F-208

Sci - Biol & Med Sci
Jun 64

259,822

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

CHANGE IN THE BIOELECTRICAL ACTIVITY OF VARIOUS BRAIN REGIONS OF CATS AND DOGS ON EXPOSURE TO CARBON DIOXIDE, BY YU. N. IVANOV, 20 PP.

RUSSIAN, PER, FIZIOLOG ZHUR SSSR IMENI I. M. SECHENOVA, VOL XLVIII, NO 3, 1962, PP 279-289. 9665780

FTD-TT-62-773

SCI - MED
JUL 62

204,474

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Reflex Changes in the Vessels of the Mucosa of the Small Intestine and Activity of the Villi in the Absorption Process, by N. Bannikova. RUSSIAN, per, Fiziol Zh SSSR Sechenov, Vol 48, No 3, 1962, pp 324-330.
HEW NIH
4-26-68

Sci/B & H
June 68

358,330

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

SCIENTIFIC CONGRESS ALL-UNION CONFERENCE ON THE PHYSIOLOGY AND PATHOLOGY OF RESPIRATION, BY M. V. SERGIEVSKIY, 9 PP.

RUSSIAN, PER, FIZIOL ZHUR SSSR IMENI I. M. SECHENOVA, VOL XLVIII, NO 3, 1962, PP 368-370.
9666268

FTD-TT-62-995

SCI - MED
SEP 62

210,147

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Yurasov, V. F.
CEREBRAL AND VISCERAL TEMPERATURE REACTIONS TO COOLING OF DIFFERENT PARTS OF THE CENTRAL NERVOUS SYSTEM. [1962] [28]p. 34 refs
FASEB manuscript no. S-9-2.
Order from OTS or SLA $2.60 63-15427

Trans. of *Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 4, p. 473-477.

DESCRIPTORS: Hypothermia, Adaptation (Physiology), *Brain, Spinal cord, Cerebral cortex, *Body temperature, Nervous system.

Regardless of the place where the CNS is cooled, and other things being equal, the temperature drop is most pronounced and rapid on the upper level of the brain (cortex), less so in the middle level and least of all in the lower level. The temperature reactions of the viscera vary with the region cooled, and the reactions
(over)

63-15427

I. Title: Viscera
I. Yurasov, V. F.
II. FASEB S-9-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

(Biological Sciences--Physiology, TT, v. 9, no. 10)

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

RESPIRATION AT HIGHER PRESSURES AND OXYGEN TENSION
IN BRAIN TISSUES, BY YE. A. KOVALENKO,
F. V. BABCHINSKIY, 10 PP.

RUSSIAN, PER, FIZIOL ZHUR SSSR IMENI I. M. SECHENOVA,
VOL XLVIII, NO 4, 1962, PP 449-454. 9670225

FTD-TT-62-962

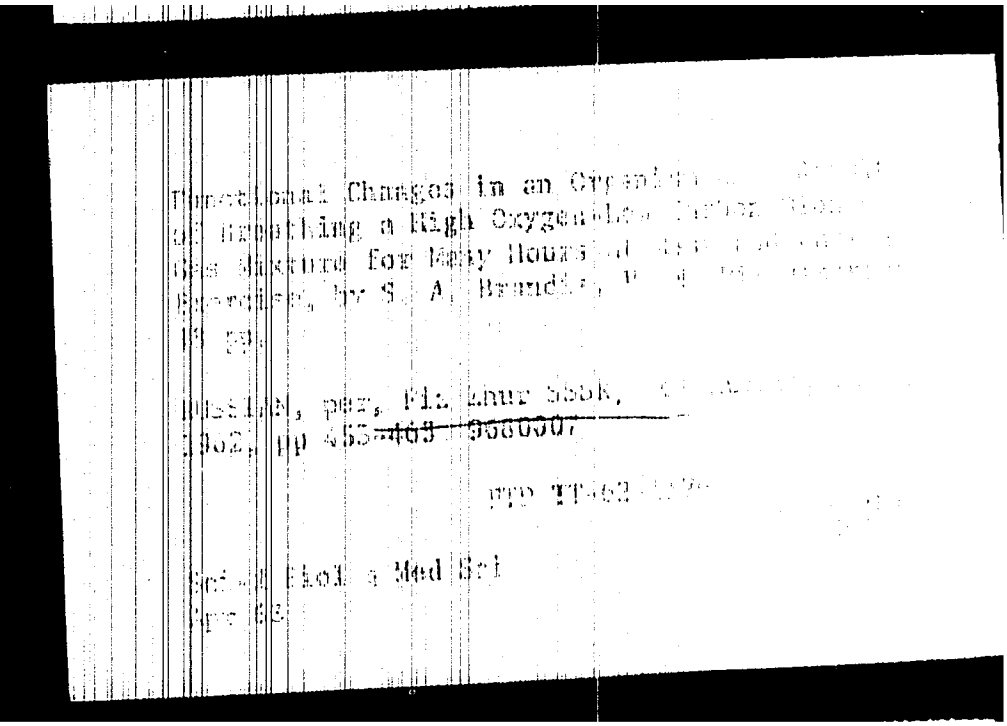
NIH

SCI - MED
11 OCT 62

212,330

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

BXN

SYMPOSIUM ON PROBLEMS OF FATIGUE AND RECOVERY OF FITNESS, BY N. V. ZIMKIN, 8 PP.

RUSSIAN, PER, FIZIOL ZHUR SSSR, IMENI I. M. SECHNENOVA, VOL XLVIII, NO 4, 1962, PP 499-501. 9678225

FTD-TT-62-962

SCI - MED
11 OCT 62

212,331

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Shilling, N. V.
BIOELECTRICAL ACTIVITY IN DIFFERENT PARTS OF THE RABBIT'S NERVOUS SYSTEM IN RESPONSE TO STIMULATION OF THE VISUAL ANALYSOR.
[1962] [14]p. 15 refs. FASEB manuscript no. S 359-2
Order from OTS or SLA $1.60 63-19019

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 5, p. 587-592.

DESCRIPTORS: *Bioelectronics, *Nervous system, Rabbits, Stimulation, Reaction (Psychology), Brain, Visual perception, *Analyzers (Psychology), *Vision, Autonomic nervous system

Recordings of the electric activity in the occipital cortex, the hypothalamic region, the cerebellum and the upper cervical sympathetic ganglion under the influence of a flicker stimulus have shown that all the parts of the nervous system are involved in the response reac-
(Biological Sciences--Physiology, TT, v. 9, no. 10)
(over)

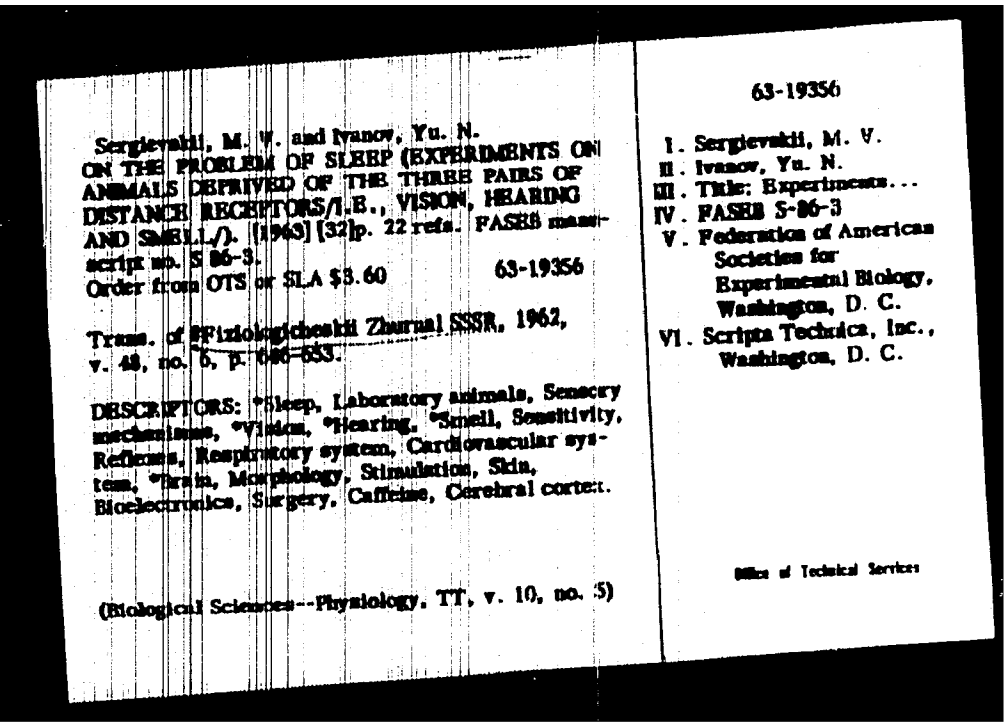
63-19019

I. Shilling, N. V.
II. FASEB S-359-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2



Sergievskii, M. V. and Ivanov, Yu. N.
ON THE PROBLEM OF SLEEP (EXPERIMENTS ON ANIMALS DEPRIVED OF THE THREE PAIRS OF DISTANCE RECEPTORS/I.E., VISION, HEARING AND SMELL/). [1963] [32]p. 22 refs. FASEB manuscript no. S 86-3.
Order from OTS or SLA $3.60 63-19356

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 6, p. 680-683.

DESCRIPTORS: *Sleep, Laboratory animals, Sensory mechanisms, *Vision, *Hearing, *Smell, Sensitivity, Reflexes, Respiratory system, Cardiovascular system, *Brain, Morphology, Stimulation, Skin, Bioelectronics, Surgery, Caffeine, Cerebral cortex.

(Biological Sciences--Physiology, TT, v. 10, no. 5)

63-19356

I. Sergievskii, M. V.
II. Ivanov, Yu. N.
III. Title: Experiments...
IV. FASEB S-86-3
V. Federation of American Societies for Experimental Biology, Washington, D. C.
VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Taranenko, A. G.
THE EFFECT OF THYROID GLAND ON THE CASEIN CONTENT OF THE MILK AND ON ITS AMINO ACID COMPOSITION. [1962] 13]p. 14 refs.
FASEB manuscript no. S 243-2.
Order from OTS or SLA $1.60 63-19011

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 6, p. 742-747.

DESCRIPTORS: *Thyroid gland, *Casein, *Milk, *Amino acids, Fats, *Mammary glands, Iodine, *Diet.

Experiments were performed on 5 lactating goats to determine the effect of thyroid hormone thyroxin and of efferent innervation of the mammary gland on the content of fat and casein in milk and on the amino-acid composition of casein. The goats were fed iodinated casein which resulted in an increased fat content and a
(Biological Sciences--Physiology, TT, v. 10, no. 6)
(over)

63-19011

I. Taranenko, A. G.
II. FASEB S-243-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Afar, Ya. M. and Rogozkin, V. A.
THE EFFECT OF CASEIN HYDROLYZATE ON CARBOHYDRATE-PHOSPHORUS METABOLISM DURING PROLONGED PHYSICAL EFFORT. [1962] [15]p. 9 refs. FASEB manuscript no. S 245-2. Order from OTS or SLA $1.60 63-19012

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 6, p. 754-759.

DESCRIPTORS: *Casein, Carbohydrates, Phosphates, Adenosine phosphates, Phosphorus, *Metabolism, Exercise, *Muscles, Lactic acid, Glucose.

A commercial casein was hydrolyzed with 6N HCl for 12 hours. The resulting hydrolyzate contained 13.4% nitrogen or 85% of the nitrogen in casein, 0.28% phosphorus and all 18 amino acids in casein. Albino rats were made to swim in water at 30 to 32° for 5

(Biological Sciences--Biochemistry, TT, v. 10, no. 7)
(over)

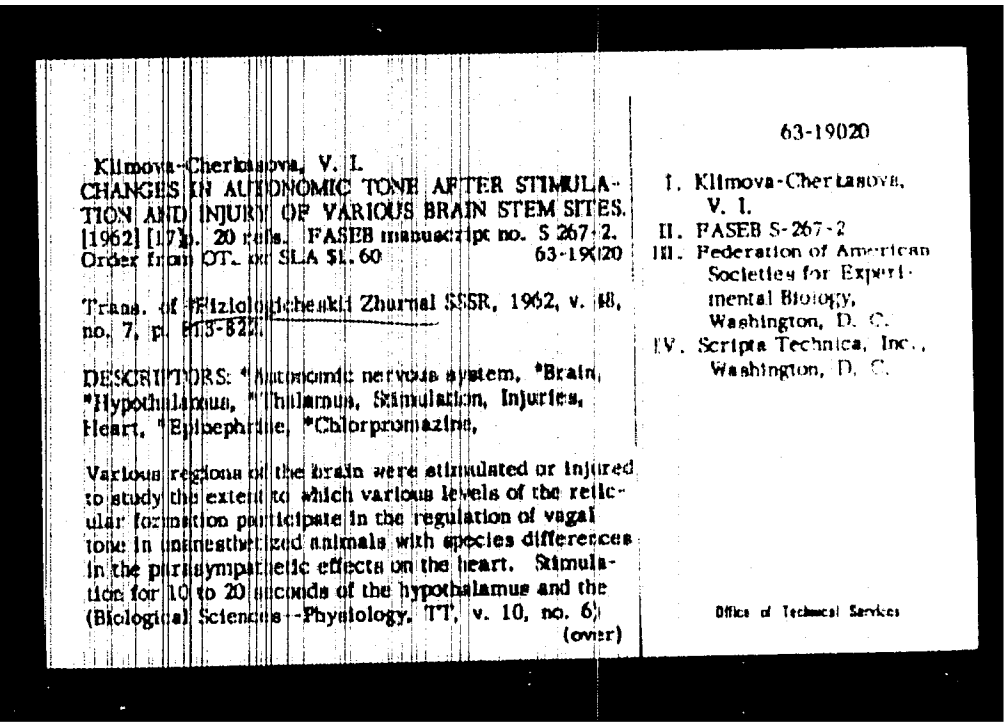
63-19012

I. Afar, Ya. M.
II. Rogozkin, V. A.
III. FASEB S-245-2
IV. Federation of American Societies for Experimental Biology, Washington, D. C.
V. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2



Klimova-Cherkasova, V. I.
CHANGES IN AUTONOMIC TONE AFTER STIMULATION AND INJURY OF VARIOUS BRAIN STEM SITES. [1962] [17]p. 20 refs. FASEB manuscript no. S 267-2. Order from OTS, DC SLA $1.60 63-19020

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 7, p. 813-822.

DESCRIPTORS: *Autonomic nervous system, *Brain, *Hypothalamus, *Thalamus, Stimulation, Injuries, Heart, *Ephedrine, *Chlorpromazine,

Various regions of the brain were stimulated or injured to study the extent to which various levels of the reticular formation participate in the regulation of vagal tone in unanesthetized animals with species differences in the parasympathetic effects on the heart. Stimulation for 10 to 20 seconds of the hypothalamus and the
(Biological Sciences--Physiology, TT, v. 10, no. 6)
(over)

63-19020

I. Klimova-Cherkasova, V. I.
II. FASEB S-267-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

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Fanardzhyan, V. V.
INTERACTION OF AFFERENT SYSTEMS OF THE CEREBELLUM. 1963, 5p
Order from FASEB in Federation Proceedings, 19[illegible], v. 22, no. 5, pt. 2, $2.00

Trans. of *Fiziologicheskii Zhurnal SSSR, 1962, v. [illegible] no. 7, p. 823ff. (Abstract available)

DESCRIPTORS: *Bioelectronics, *Cerebellum, *Neuromuscular transmission, Nerves, *Motor reactions, Brain, Stimulation

The experiments have shown that the cutaneous and muscle afferent systems to a varying extent (according to the width of the projection field) are represented in the cerebellar cortex of Nembutalized and decerebrate cats. Moreover, a difference was detected in the interaction of the afferent impulses. In animals under deep
(Biological Sciences, TT, v. 11, no. 1) (over)

TT-63-[illegible]
(p. 7085-7086)

I. Fanardzhyan, V. V.
II. Federation of American Societies for Experimental Biology, Washington, D. C.

[illegible] of Technical Services

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Marits, A. M.
THE EFFECT OF HUNGER AND SATIATION ON THE ELECTRICAL ACTIVITY OF THE RETICULAR FORMATION AND CEREBRAL CORTEX. [1962] [10]p. 14 refs. FASEB manuscript no. S 247-2.
Order from OTS or SLA $1.10 63-19013

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 8, p. 889-892.

DESCRIPTORS: *Appetite, *Starvation, *Bioelectronics, *Brain, *Cerebral cortex, Conditioned reflex, Adaptation (Physiology)

The electrical activity of the reticular formation and cerebral cortex of starving animals differs appreciably from the activity taking place after satiation. The electrical activity of the reticular formation and cortex during relative starvation (for 24 hours) is inconstant. Depending on the state of the brain function, a sound (Biological Sciences--Physiology, TT, v. 9, no. 10) (over)

63-19013

I. Marits, A. M.
II. FASEB S-247-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc. Washington, D. C.

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Vedyaev, F. P.
THE ROLE OF FUNCTIONAL-STATE PARAMETERS IN THE PRODUCTION OF REACTIONS OF SUBCORTICAL ORIGIN. [1962] [20]p. 22 refs. FASEB manuscript no. S 264-2.
Order from OTS or SLA $1.60 63-19017

Trans. of *Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 8, p. 942-952.

DESCRIPTORS: Reaction (Psychology), *Cerebral cortex, *Brain, *Nervous systems, Nerves, Autonomic nervous system, *Reflexes, Stimulation, Electrodes, Test methods, *Neuromuscular transmission, Adaptation (Physiology), *Motor reactions.

When various subcortical structures are stimulated, three types of reactions are seen: conducting-fiber reactions, highly complex unconditioned reactions, and
(Biological Sciences--Physiology, TT, v. 9, no. 12)
(over)

63-19017

I. Vedyaev, F. P.
II. FASEB S-264-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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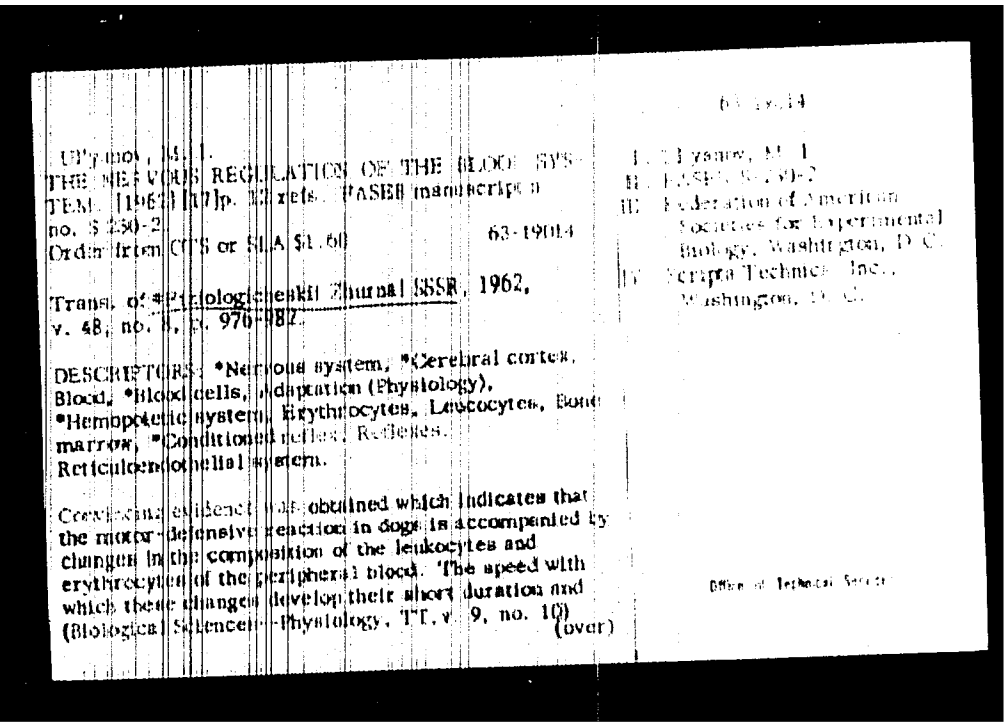

Uflyand, M. I.
THE NERVOUS REGULATION OF THE BLOOD SYSTEM. [1962] [17]p. illus. (FASEB manuscript no. S 250)-2
Order from CFS or SLA $1.60

63-19014

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 8, p. 976-982.

DESCRIPTORS: *Nervous system, *Cerebral cortex, Blood, *Blood cells, *Adaptation (Physiology), *Hemopoietic system, Erythrocytes, Leucocytes, Bone marrow, *Conditioned reflex, Rodents, Reticuloendothelial system.

Cerebral evidence was obtained which indicates that the motor-defensive reaction in dogs is accompanied by changes in the composition of the leukocytes and erythrocytes of the peripheral blood. The speed with which these changes develop, their short duration and (Biological Sciences--Physiology, TT, v. 9, no. 10) (over)

1. Uflyand, M. I.
II. FASEB S-250)-2
III. Federation of American Societies for Experimental Biology, Washington, D.C.
IV. Scripta Technica, Inc., Washington, D.C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

A Method for Investigating the Physiology of Absorption and Movement in the Small Intestine of Birds, by V. V. Li and A. Ch. Li, 9 p.
RUSSIAN, per, Fiziologicheskiy Zhurnall SSSR,
Vol XLVIII, No 8, 1962, pp 997-999.
NLL RTS-3153

Sci-B&M
Jh

Jun 66

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Batuev, A. S.
THE EFFECT OF CHLORPROMAZINE ON THE REFLECTION OF LIGHT AND SOUND STIMULI IN THE EEG OF THE FRONTAL CORTEX IN THE RABBIT. [1963] [14 p., 29 refs. FASEB manuscript no. S 273-2.
Order from: CTS or OTA $1.60 63-19391

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 9, p. 1011-1016.

DESCRIPTORS: *Chlorpromazine, Reflection, *Light, *Sound, Electroencephalography, *Cerebral cortex, Rabbits, Brain, Stimulation.

Injection of chlorpromazine into a rabbit in a dose of 3-5 mg/kg leads to suppression of the changes in the EEG of the frontal region of the cortex in response to a sound stimulus, while preserving those in response
(Biological Sciences--Pharmacology, TT, v. 10, no. 5)
(over)

63-19391

I. Batuev, A. S.
II. FASEB S-273-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Sheveleva, V. S.
EVOLUTION OF THE FUNCTION OF SYMPATHETIC GANGLIA IN ONTOGENESIS. [1960] [24]p. 26 refs.
FASEB manuscript no. S 277-2.
Order from OTS or SLA $2.00 63-19392

Trans. of Ontogenicheskii Zhurnal SSSR, 1962, v. 48, no. [illegible], p. 1061-1069.

DESCRIPTORS: *Evolution, *Autonomic nervous system, *Ganglia, Rabbits, Growth, Bioelectronics, Brain, Spinal Cord, Cells (Biology), Biochemistry, Acetylcholines.

An investigation was conducted on the character of the "spontaneous" and reflex electrical activity of the sympathetic ganglia during ontogenesis, with emphasis on the details of the interneuronal transmission of excitation in their synapses. The changes
(Biological Sciences--Physiology, TT, v. 10, no. 5)
(over)

63-19392

I. Title: Ontogenesis
1. Sheveleva, V. S.
II. FASEB S-277-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Fudel'-Osipova, S. I.
AGE CHANGES IN THE EXCITABILITY AND FUNCTIONAL MOBILITY OF THE NEUROMUSCULAR APPARATUS OF WARM-BLOODED ANIMALS. [1963] [14]p. 18 refs. FASEB manuscript no. S 280-2. Order from OTS or SLA $1.60 63-19393

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 9, p. 1099-1104.

DESCRIPTORS: *Aging (Physiology), Excitation, *Neuromuscular transmission, Physiology, *Animals, Stimulation.

(Biological Sciences--Physiology, TT, v. 10, no. 5)

63-19393

I. Fudel'-Osipova, S. I.
II. FASEB S-280-2
III. Federation of American Societies for Experimental Biology, Washington, D.C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Yakovlev, N. N., Kaledin, S. V. and others.
A PHYSIOLOGICAL AND CHEMICAL ANALYSIS OF ADAPTATION TO SHORT PERIODS OF INTENSIVE MUSCULAR ACTIVITY IN ADOLESCENTS. [1963] [17]p. 22 refs. FASEB manuscript no. S 281-2. Order from OTS or SLA $1.60 63-19394

Trans. of #Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 9, p. 1105-1112.

DESCRIPTORS: Chemical analysis, *Muscles, *Adaptation (Physiology), *Exercise, Training, *Glycolysis, Energy.

High-speed exercises, carried out in the absence of a stable state, are responsible not only for greater physiological and chemical changes in the body, but also for the more rapid restitution than is found after the same exercises in a stable state. During intensive
(Biological Sciences--Biochemistry, TT, v. 10, no. 5)
(over)

63-19394

I. Yakovlev, N. N.
II. Kaledin, S. V.
III. FASEB S-281-2
IV. Federation of American Societies for Experimental Biology, Washington, D. C.
V. Scripta Technica, Inc., Washington, D. C.

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Effect of Compensation of Excessive Intrapulmonary Pressure on Oxygen Intensity in Brain [redacted] Tissues [redacted] During Ascents to Higher Altitudes, by Ye. A. Kovalenko, F. V. Babchinskiy, 9 pp.

RUSSIAN, per, Fiziologicheskiy Zhur SSSR, Vol XLVIII, No 10, 1962, [redacted] 9667811.

FTD-TT-62-1593

Sci-Med
Mar 63

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

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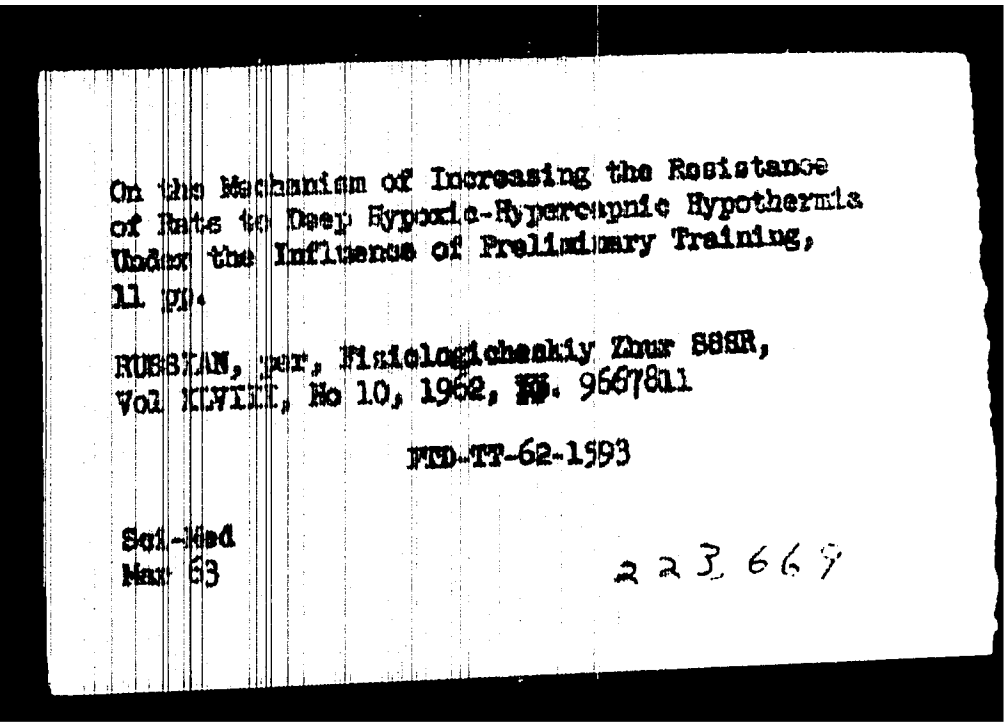

On the Mechanism of Increasing the Resistance of Rats to Deep Hypoxic-Hypercapnic Hypothermia Under the Influence of Preliminary Training, 11 pp.

RUSSIAN, per, Fiziologicheskiy Zhur SSSR, Vol XLVIII, No 10, 1962, [illegible] 9667811

FTD-TT-62-1593

Sci-Med
Mar 63

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Gershuni, G. V. and Zaboeva, N. V.
EVALUATION OF FUNCTIONAL SIGNIFICANCE OF AUDITORY SYSTEM RESPONSES TO EXPONENTIALLY INCREASING WIDE-BAND NOISES AND TONES. Mar/Apr 64, 5p 4refs
Order from FASEB $2.00 in Federation Proceeding; Translation Supplement, 1964, v. 23, no. 2 (p. T275-T279)

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 10, p. 1178ff.

DESCRIPTORS: *Hearing, Reaction (Psychology), Boardband, Noise, *Sensory mechanisms, Sound, *Audiometry, *Thresholds (Physiology)

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T275-T279)

I. Gershuni, G. V.
II. Zaboeva, N. V.
III. Federation of American Societies for Experimental Biology, Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Variations of Blood Sugar and Lactic Acid
Levels in Atheletes Performing Standard Tasks
with the Establishment of Good Form,
by N. N. Yakovlev, A. F. Krasnova.
RUSSIAN, per, Fiz Zhur, Vol XLVIII, No 10,
1962, pp 1265-1269.
NLL RTS-2885

Sci - S/M
Jul 66

302,407

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Kostyuk, P. G.
FUNCTIONAL PRESYNAPTIC AND POSTSYNAPTIC CHANGES DURING DEGENERATION OF CENTRAL SYNAPSES. Nov Dec 63, 6p 40refs
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, v. 22, no. 6, p. II, p. T1101-T1106)

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 11, p. 1316ff.

DESCRIPTORS: *Nerve cells, *Atrophy, Brain, Spinal cord, *Neuromuscular transmission, Bioelectronics, *Motor reactions, Regeneration, Nervous system.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-63-17973-6
(p. T1101-T1106)

I. Kostyuk, P. G.
II. Federation of American Societies for Experimental Biology, Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Kuznik, B. I.
EFFECT OF DISINTEGRATED HUMAN ERYTHROCYTES ON BLOOD COAGULATION. [1963] [30p] 26refs FASEB Manuscript no. S 6-3.
Order from OTS, SLA, or ETC $2.60 TT-63-23847

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 11, p. 1382-1391. (Abstract available)

DESCRIPTORS: *Erythrocytes, *Blood coagulation, Prothrombin, Fibrinogen.

Disintegrated erythrocytes markedly increase the degree of thrombotest and accelerate coagulation time and recalcification time. This influence does not arise from the activating effect of hemolysates on the blood platelets because it is also manifested in plasma with a low thrombocyte content. Erythrocytes contain thromboplastic, antithromboplastic, antiheparin, and
(Biological Sciences--Physiology, TT, v. 11, no. 5)
(over)

TT-63-23847

I. Kuznik, B. I.
II. FASEB S-6-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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Korostovtseva, N. V.
THE ACCLIMATIZATION PROGRAM AND SOME INDICES OF ACCLIMATIZATION OF RATS TO DEEP ANOXIC-HYPERCAPNIC HYPOTHERMIA. [1963] [11]p. 2 refs. FASEB manuscript no. S 29-3.
Order from OTS or SLA $1.60 63-23057

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 12, p. 1466-1471.

DESCRIPTORS: *Acclimatization, Adaptation (Physiology), Rats, *Hypoxia, *Hypothermia, Ecology, *Hypercapnia, Oxygen consumption, Tolerances (Physiology).

The choice of an acclimatization program for rats to deep anoxic-hypercapnic hypothermia is made difficult by the considerable individual variations in metabolism; the best results are obtained by three periods of
(Biological Sciences--Physiology, TT, v. 10, no. 7)
(over)

63-23057

I. Korostovtseva, N. V.
II. FASEB S-29-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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Novikova, A. I.
AGE CHANGES IN THE MEMBRANE POTENTIAL OF THE STRIPED MUSCLE FIBERS. [1963] [7p] 10refs
FASEB Manuscript no. S 33-3.
Order from OTS, SLA, or ETC $1.60 TT-63-23878

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 12, p. 1504-1507. (Abstract available)

DESCRIPTORS: *Aging (Physiology), *Muscles, Musculoskeletal system, *Membranes (Biology), Bioelectrics.

In the early postnatal period the MP value is low (average 23.7 mV in newborn animals) and it reaches the typical adult level at the age of 1 month. During all subsequent periods of ontogenesis (3 months, 2 years), the MP remains unchanged. (Author)

(Biological Sciences--Physiology, TT, v. 11, no. 5)

TT-63-23878

I. Novikova, A. I.
II. FASEB S-33-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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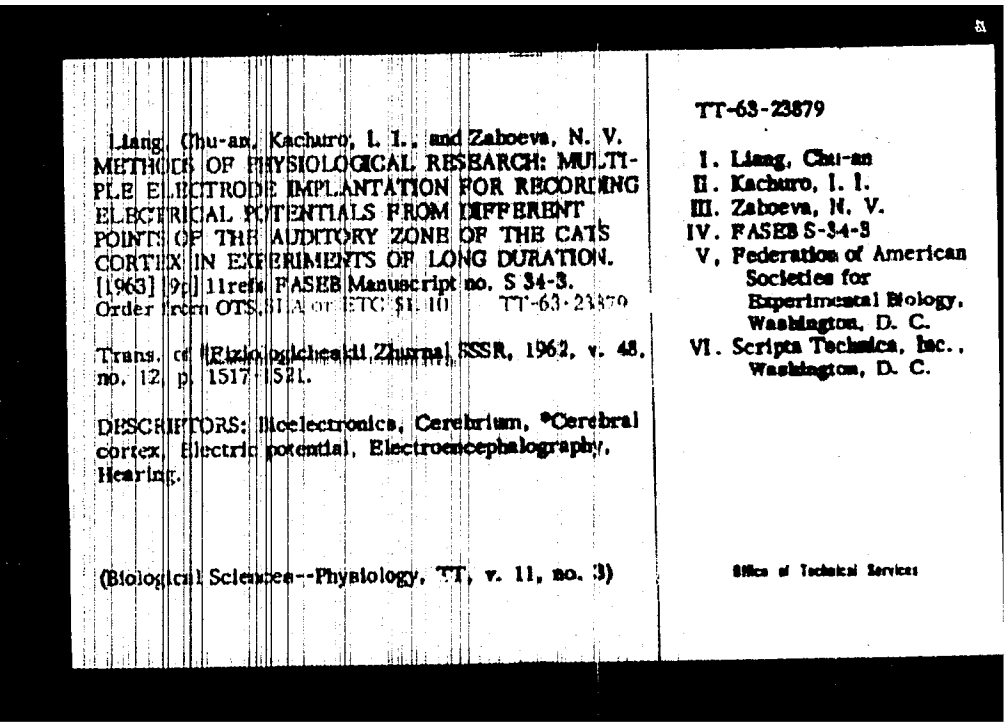

Liang, Chu-an, Kacharo, I. I., and Zaboeva, N. V. METHODS OF PHYSIOLOGICAL RESEARCH: MULTIPLE ELECTRODE IMPLANTATION FOR RECORDING ELECTRICAL POTENTIALS FROM DIFFERENT POINTS OF THE AUDITORY ZONE OF THE CATS CORTEX IN EXPERIMENTS OF LONG DURATION. [1963] 9p. 11refs. FASEB Manuscript no. S 34-3. Order from OTS, $1.4 or ETC, $1.10 TT-63-23879

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 12, p. 1517-1521.

DESCRIPTORS: Bioelectronics, Cerebrum, *Cerebral cortex, Electric potential, Electroencephalography, Hearing.

(Biological Sciences--Physiology, TT, v. 11, no. 3)

TT-63-23879

I. Liang, Chu-an
II. Kacharo, I. I.
III. Zaboeva, N. V.
IV. FASEB S-34-3
V. Federation of American Societies for Experimental Biology, Washington, D. C.
VI. Scripta Technica, Inc., Washington, D. C.

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SCIENTIFIC CONVENTIONS AND CONFERENCES
FOURTEENTH OF PHYSIOLOGISTS OF SOUTHERN
RSFSR, BY YE. K. AGANYANTS AND V. M.
POKROVSKIY, 6 PP.

RUSSIAN, PER, FIZIOLOGICHESKIY ZHURNAL SSSR
IMENI I. M. SECHENOVA, VOL XLVIII, NO 12,
1962, PP 1,523-1,525.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Korneva, E. A. and Khai, L. M.
EFFECT OF DESTRUCTION OF HYPOTHALAMIC AREAS ON IMMUNOGENESIS. Jan/Feb 64, 5p 38refs Order from FASEB $2.00 In Federation Proceedings Translation Supplement, 1964, v. 23, no. 1 (p. T88-T92)

Trans. of Fiziologicheskii Zhurnal SSSR, 1963, v. 49, no. 1, p. 42ff.

DESCRIPTORS: *Thalamus, Immunity, *Antigens and antibodies, Brain.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-1 (p. T88-T92)

I. Korneva, E. A.
II. Khai, L. M.
III. Federation of American Societies for Experimental Biology, Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

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Unconditional Secretion of the Parotid Gland
of the Macacus Rhesus Monkey, by
G. V. Malinovskiy,
RUSSIAN, per. Fiziol. Zhurnal, Vol XXXIX,
No 1, 1953, pp 47-51.
*FTD-HT-23-529-67

Sci-Bgn
Mar 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Sviderskii, V. L.
NERVOUS REGULATION OF INSECT WING FUNCTION. Mar/Apr 64, 5p 11 refs
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, 1964, v. 23, no. 2 (p. T213-T217)

Trans. of #Fiziologicheskii Zhurnal SSSR, 1963, v. 49 [no. 1] p. 65ff.

DESCRIPTORS: Nerves, *Autonomic nervous system, *Insects, Wings, Muscles, Flight, Motion, Control systems

(Biological Sciences--Zoology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T213-T217)

I. Sviderskii, V. L.
II. Federation of American Societies for Experimental Biology, Washington, D. C.

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Zubairov, D. M., Repeikov, A. V., and Timerbaev, V. N.

WETTABILITY OF VASCULAR ENDOTHELIUM.

Mar/Apr 64, 5p, 21 refs

Order from PASTD $2.00 in Federation Proceedings Translation Supplement, 1964, v. 23, no. 2 (p. T317-T321)

Trans. of Fiziologicheskii Zhurnal SSSR, 1963, v. 49, no. 1, p. 35ff.

DESCRIPTORS: *Epithelium, *Blood vessels, Moisture, *Secretion

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T317-T321)

I. Zubairov, D. M.
II. Repeikov, A. V.
III. Timerbaev, V. N.
IV. Federation of American Societies for Experimental Biology, Washington, D. C.

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CR-162

Aleksandr Borisovich Kogan,
RUSSIAN, per, Fiz Zhur SSSR imeni
I. M. Sechenova, No 2, 1963, p 267.

*JPRS/SPECIAL/NY-9711

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Biolog
Apr 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Baklavadzhyan, O. G. and Adamyan, F. A.
DEVELOPMENT OF EVOKED POTENTIALS IN SENSORIMOTOR AND ASSOCIATION ZONES OF CORTEX IN CATS. Mar/Apr 64, 5p 22refs
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, 1964, v. 23, no. 2 (p. T247-T251)

Trans. of *Fiziologicheskii Zhurnal SSSR, 1963, v. 49, no. 3, p. 269ff.

DESCRIPTORS: *Electric potential, *Cerebral cortex, *Sensory mechanisms, Motor reactions, Electroencephalography, Cats, *Growth (Physiology), Nerves

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T247-T251)

I. Baklavadzhyan, O. G.
II. Adamyan, F. A.
III. Federation of American Societies for Experimental Biology, Washington, D. C.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Narikashvili, S. P. and Kadzhaya, D. V.
CORTICAL REGULATION OF EVOKED RESPONSES IN THALAMIC RELAY NUCLEI. Mar/Apr 64, 8p 20refs
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, 1964, v. 23, no. 2 (p. T252-T259)

Trans. of Fiziologicheskii Zhurnal SSSR, 1963, v. 49, no. 3, p. 281-8.

DESCRIPTORS: Stimulation, *Cerebral cortex, *Thalamus, Nuclei (Biology), Control systems, Electroencephalography, *Neuromuscular transmission

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T252-259)

I. Narikashvili, S. P.
II. Kadzhaya, D. V.
III. Federation of American Societies for Experimental Biology, Washington, D. C

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

On Central Mechanisms of the Regulation of Circulation and Respiration in Monkeys,
by I. T. Dabeliev
RUSSIAN, per, Fiziol Zh SSSR Sechenov, Vol 49, No 3, 1963, pp 330-337.
HEW NIH
11-10-68

Sci-Mem
Feb 69

369,547

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

The Rumination Center and Its Functional Connexions in Cattle, by P. N. Kuz'min, RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR im Sechenova, Vol XLIX, No 3, 1963, pp 346-352.
NLM WI 2112
(On Loan or Purchase)

Sci-3(1)
Apr 67

322.810

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

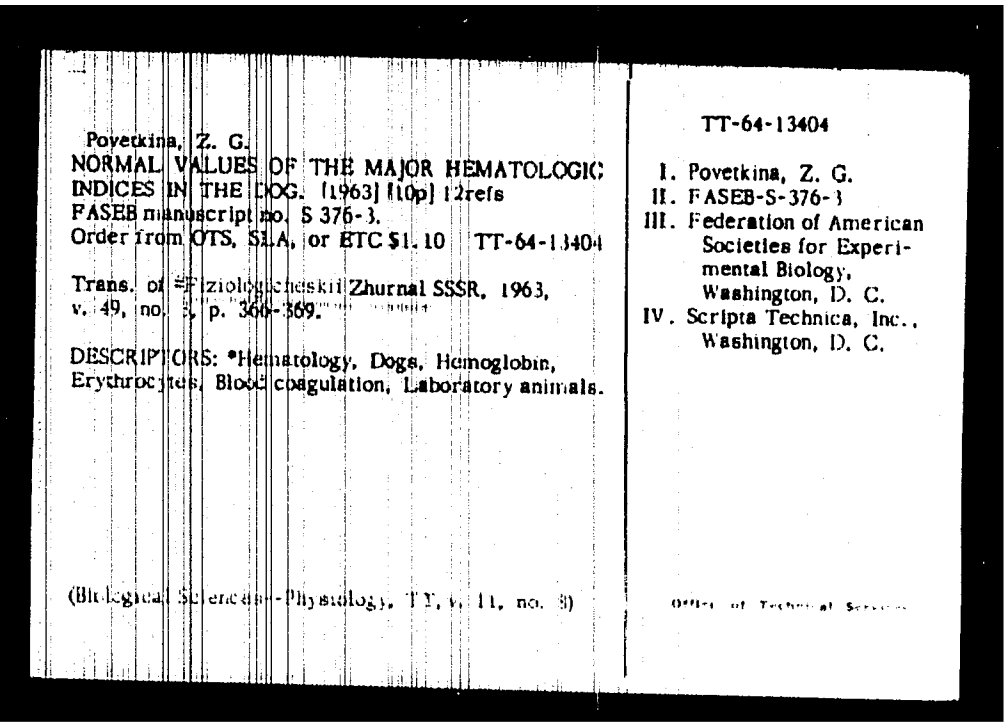
Resistance to Cold and Heat in Animals Which Had Been Given Dibazol or Have Had Muscle Training and Tempering, by V. Ya. Rusin, 17 pp.
RUSSIAN, per, Fiz Zhur, Vol XLIX, No 3, 1963, pp 359-365.
Navy 3963/NMS 913

Sci-B/M
Feb 65

274,197

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2



Povetkina, Z. G.
NORMAL VALUES OF THE MAJOR HEMATOLOGIC INDICES IN THE DOG. [1963] [10p] 12refs
FASEB manuscript no. S 376-3.
Order from OTS, SLA, or ETC $1.10 TT-64-13404

Trans. of Fiziologicheskii Zhurnal SSSR, 1963, v. 49, no. [illegible], p. 360-369.

DESCRIPTORS: *Hematology, Dogs, Hemoglobin, Erythrocytes, Blood coagulation, Laboratory animals.

(Biological Sciences--Physiology, TT, v. 11, no. 3)

TT-64-13404

I. Povetkina, Z. G.
II. FASEB-S-376-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Nonpolarizing Electrodes for Detecting Slowly Varying Biopotentials in Internal Cavities, by V. I. Belfkevich, E. Yu. Venle, et al, 5 pp. RUSSIAN, per, Fiziologicheskii Zhurnal SSSR imeni I. M. Sechenova, Vol XLIX, No 3, 1963, pp 379-381.
9220713
NASA TT F-199
NLL 8731.9, 1964, (199)

Sci - Phys, Biol & Med Sci
Apr 64

255,032

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

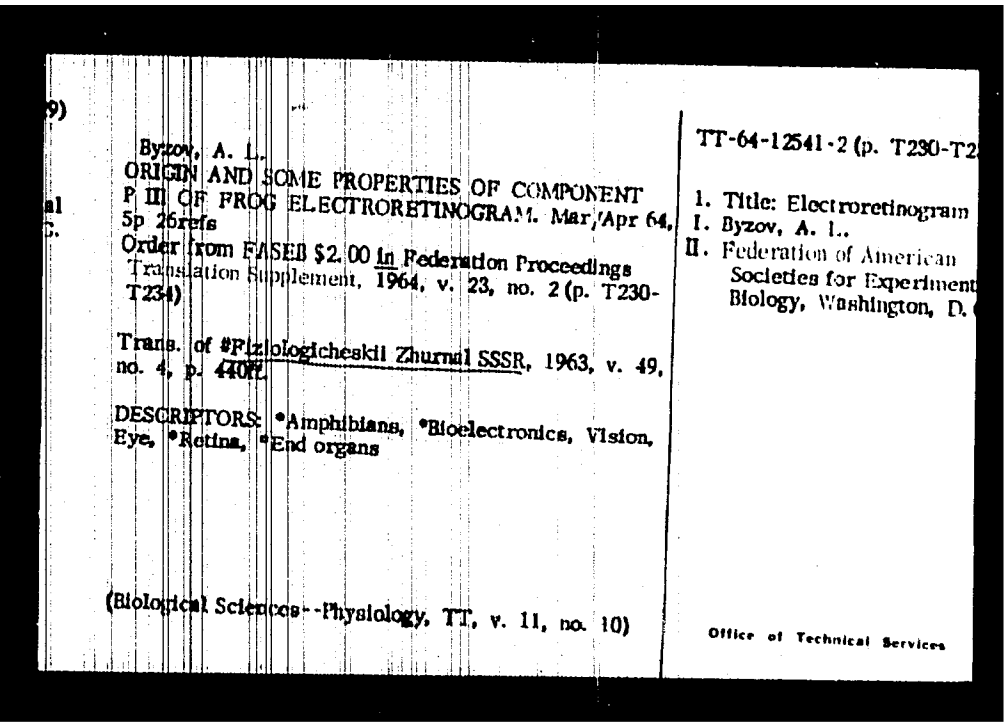
Vasomotor Reactions to Chemical Stimulation During Perfusion of Small Intestine With Blood and Ringer Solution, by V. A. Levtov. 7 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR,
Vol 49, No 4, 1963, p 47 Off.
FASEB

Sci/B&M
Jul 66

303,815

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2



9)

Byzov, A. L.
ORIGIN AND SOME PROPERTIES OF COMPONENT
P III OF FROG ELECTRORETINOGRAM. Mar/Apr 64,
5p 26refs
Order from FASEB $2.00 In Federation Proceedings
Translation Supplement, 1964, v. 23, no. 2 (p. T230-
T234)

Trans. of #Fiziologicheskii Zhurnal SSSR, 1963, v. 49,
no. 4, p. 440[illegible].

DESCRIPTORS: *Amphibians, *Bioelectronics, Vision,
Eye, *Retina, *End organs

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T230-T2

1. Title: Electroretinogram
I. Byzov, A. L.,
II. Federation of American
Societies for Experiment
Biology, Washington, D.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Ivanov, K. P. and Alimukhamedov, A.
PHYSIOLOGICAL MECHANISMS OF CHEMICAL THERMOREGULATION IN ONTOGENESIS. [1963]
[14p] 9refs. FASEB manuscript no. S 514-3.
Order from OTS, SLA, or ETC $1.60 TT-64-13440
figs, available on loan from OTS
Trans. of Fiziologicheskii Zhurnal SSSR, 1963, v. 49, no. 4, p. 482-489.

DESCRIPTORS: *Body temperature, *Infants, *Shivering, Animals, Control systems, Adaptation (Physiology)

(Biological Sciences--Physiology, TT, v. 11, no. 9)

TT-64-13440

I. Ivanov, K. P.
II. Alimukhamedov, A.
III. FASEB-S-514-3
IV. Federation of American Societies for Experimental Biology, Washington, D. C.
V. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Bianki, V. L.
SWIM-BLADDER RECEPTOR FUNCTION AND CEREBELLUM. Mar/Apr 64, 5p 22refs
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, 1964, v. 23, no. 2, (p. T222-T226)

Trans. of #Fiziologicheskii Zhurnal SSSR, 1963, v. 49, no. 4, p. 494ff.

DESCRIPTORS: Evolution, Nervous system, *Fishes, *End organs, *Cerebellum, Neuromuscular transmission, *Adaptation (Physiology), Environment, Hydrostatic pressure

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T222-T226)

1. Title: Swim bladder
I. Bianki, V. L.
II. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

HYPERTHERMIA IN DOGS AND ITS DEPENDENCE ON AVAILABLE BODY WATER DURING MUSCULAR EXERCISE AT HIGH ENVIRONMENTAL TEMPERATURE, BY M. P. SHEK, 9 PP.

RUSSIAN, PER, FIZ ZHUR SSSR IMENI I. M. SECHENOVA, VOL XLIX, NO 5, 1963, PP 542-547.

JPRS 20748

SXX SCI - BIOL & MED SCI
AUG 63

342,256

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Impulse Transmission From Inhibitory Nerve to Smooth Muscle and Interaction Between Excitatory and Inhibitory Innervation, by R. S. Orlov. RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, Vol 49, No 5, 1963, pp 575-583.
SLA TT-64-19221

Sci/B&M
Jul 66

303,818

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

MODIFIED TISSULAR RESISTANCE ACCOMPANYING ACCLIMATIZATION OF ANIMALS TO MODERATE HYPOXIA UNDER NATURAL CONDITIONS, BY L. V. SEROVA, 7 PP.

RUSSIAN, PER, FIZ ZHUR SSSR, IMENI I. M. SECHENOVA, VOL XLIX, NO 5, 1963, PP 639-642.

JPRS 20749

SCI - BIOL & MED SCI
AUG 63

342,257

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

GAS EXCHANGE DYNAMICS IN WHITE MICE EXPOSED TO HIGH PARTIAL PRESSURE OF OXYGEN, BY I. S. BRESLAV, A. G. ZHIRONKIN, ET AL, 8 PP.

RUSSIAN, PER, FIZ ZHUR SSSR IMENI I. M. SECHENOVA, VOL XLIX, NO 5, 1963, PP 643-647.

JPRS 20791

SCI - BIOL & MED SCI
AUG 63

342,809

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Role of Striatal and Thalamic Structures in CNS of Birds in Control of Respiration and Functional Characteristics, by F. P. Vedyaev, 5 p.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, Vol XLIX, No 6, 1963, pp 666ff.
FASEB Fed Proc Suppl, 1964, Vpl 23, No 5, pt 2, (p. T1075-T1079)

Sc-B&M
Jul 66

307,260

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

AN ELETROMETRIC METHOD OF DETERMINGIN THE OXYGEN CONTENT OF EXPIRED AIR IN SMALL ANIMALS, BY S. A. YEVDOKIMOV, L. A. ISAAKYAN, ET AL, 5 PP.

RUSSIAN, PER, FIZIOLOGICHESKIY ZHURNAL SSSR IMENI I.M. SECHENOVA, VOL XLIX, NO 6, 1963, PP 767-770.

JPRS 21144

SCI-BIOL
SEP 63

343,925

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

A CONTRIBUTION TO TECHNIQUES FOR INVESTIGATING CARDIAC EXCITABILITY, BY V.V.SYSOYEV, 5 PP.

RUSSIAN, PER, FIZIOLOGICHESKIY ZHURNAL SSSR IMENI I.M. SECHENOVA, VOL XLIX, NO 6, 1963, PP 770-773.

JPRS 21145

SCI-BIOL
SEP 63

343,925

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

A NEW METHOD FOR DETERMINING VENOUS TONUS, BY D. A. IL'INSKIY, 6 PP.

RUSSIAN, PER, FIZIOLOGICHESKIY ZHURNAL SSSR IMENI I.M. SECHENOVA, VOL XLIX, NO 6, 1963, PP 774-777.

JPRS 20992

BIOL-MED
SEP 63

343,838

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Analysis of Evoked Potentials in Frog Midbrain Tectum, by Yu. B. Mantefel'.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR, vol.49 no.7, p.790ff. 1963
FASEB

B/M
Aug 66

306,582

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Ontogenic Development of Stationary Potential in Gastriv Mucosa, by D. G. Kvasov and A. P. Marevskaya, 6 p.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, Vol XLIX, No 7, 1963, p 834 ff.
FASEB Fed Proc Tr Suppl, 1964, Vol 23, No 5, pt 2 (p. T975-T980)

Sci-B&M
Jul 66

307,256

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Electrical Activity in the Respiratory Centre of the Frog Before and After Blockade of Aortic Zone Receptors, by Z. S. Dontsova. 18 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, Vol 49, No 7, 1963, pp 863-869.
SLA TT-64-19227

Sci/B&M
Jul 66

303,807

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Quantitative Characteristics of Vascular Reaction in Plethysmographic Investigations by Yu. I. Krasil'nikov, 6 pp.

RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR imeni I. M. Sechenova, Vol XLIX, No 7, 1963, pp 870-872.

9687662

FTD-TT-63-849

Sci-Phys
Nov 63

241,462

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

A Device for Recording Pressure, Pulse Volume, and Mechanogram on the MPO-2 Oscillograph, by N. N. Vasilevskiy, O. Ye. Guzeyev.
RUSSIAN, per. Fiziologicheskiy Zhurnal SSSR, Vol 49, No 7, 1963, pp 886-888. 9229443
NASA TT F-9581

Sci/Tech
Feb 66

294,695

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Method of Physiological Research by N. N. Vasilevskiy and O. Ye. Guseyev, 7 pp.

RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR imeni I. M. Sechenova, Vol XLIX, No 7, 1963, pp 886-888. 9661662

FTD-TT-63-849

Sci-Phys
Nov 63

241,463

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Visual and Auditory Regions in Hemispheres of Lizard Forebrain, by V. I. Gusel'nikov, A. Ya. Supin. 6 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, Vol 49, No 8, 1963, p 919ff.
FASEB

Sci/[illegible]M
Jul 66

303,812

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

On Functional Neuroarchitectionics, by
O. G. Chorayan. 20 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR,
Vol 49, No 9, 1963, pp 1026-1029.
SLA TT-64-19222

Sci/BGM
Jul 66

303,806

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Analysis of the Effect of Physical Strain, High Environmental Temperature and High [redacted] Oxygen Content in Inspired Air on the Excitability of the Visual Analyzer in Man, by A. G. Navakatikyan, V. V. Lebedeva, et al, 11 pp.

RUSSIAN, per. Fiz Zhur SSSR imeni I. M. Sechenov, Vol XLIX, No 9, 1963, pp 1036-1043.

JPRS 22735
FTD-TT-63-980 (9690498)

Sci-Biol & Med Sci
Jan 64

246,614

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Adequatometric Investigation of the Visual and Auditory Analyzers of Man in the Process of Adaptation to Climatic Conditions, by B. A. Funtikov, 9 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenov, Vol XLIX, No 9, 1963, pp 1044-1049.

JPRS 22735

Sci-Biol & Med Sci
Jan 64

246,615

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Mediator Content of Tears of Healthy Persons and Glaucoma Patients, by M. I. Razumovskiy. 9 pp. RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, Vol 49, No 9, 1963, pp 1089-1091.
SLA TT-64-19230

Sci/B&M
Jul 66

305,932

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Electrical Activity in the Giant Nerve Cells of the Snail, Helix Pomatia, by V. D. Gerasimov, V. A. Maiskiy. 17 pp.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, Vol 49, No 9, 1963, pp 1099-1104.
SLA TT-64-19223

Sci/B&M
Jul 66

303,811

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Technique for Recording Brain Potentials in Freely Moving Rabbits, by B. I. Kotlyar.

RUSSIAN, per, Fiz Zhur SSSR, Vol XLIX, No 9, 1963, pp 1115-1116.

*FTD-TT-63-1117

Sci - Biol & Med Sci
Dec 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Apparatus for Delivery of Pure Oxygen and the Measurement of Its Consumption in Chronic Experiments With Small Animals, by I. S. Brealav, 9 pp.
RUSSIAN, mmar, Fiziologicheskiy Zhur SSSR, Vol XLIX, No 9, 1963, pp 1116-1120. 9692328
FTD-TT-63-1118

Sci - Biol & Med Sci
may 64

257,430

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Multiple Electrode Implantation Into Subcortical Structures of the Human Brain, by K. V. Grachev, 9 pp.
RUSSIAN, per, Fiz Zhur SSSR, Vol XLIX, No 9, 1963, pp 1122-1125. 9692322
FTD-TT-63-1119

Sci - Biol & Med Sci
May 64

257,646

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

The Effect of Transverse Acceleration of Oxygen Tension In Brain Tissue, by Ye. A. Kovalenko, V. L. Popkov, 11 pp. RUSSIAN, per, Fiz Zhur SSSR im I. M. Sechanova, Vol XLIX, No 10, 1963, pp 1145-1149. 9691545

FTD-TT-63-1215

Sci - Biol & Med Sci
Mar 64

251,064

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Self-Regulation of the Functions at the Aging of the Organism, by V. V. Frol'kis, 12 pp.
RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenovr,
Vol XLIX, No 10, 1963, pp 1221-1229.
NIH 4-40-64

Sci - Biol & Med
Jul 64

262,190

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

The Functional State of the Gastric Glands in Puppies upto the Age of [illegible] Month, by M. M. Gagayan, 8p.
RUSSIAN, per. Fiziologicheskii Zhurnal SSSR, Vol. 49, No 10, 1963, pp 1230-1234.
CFSTI FT-65-60212

333, 584

Sci
Jul 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

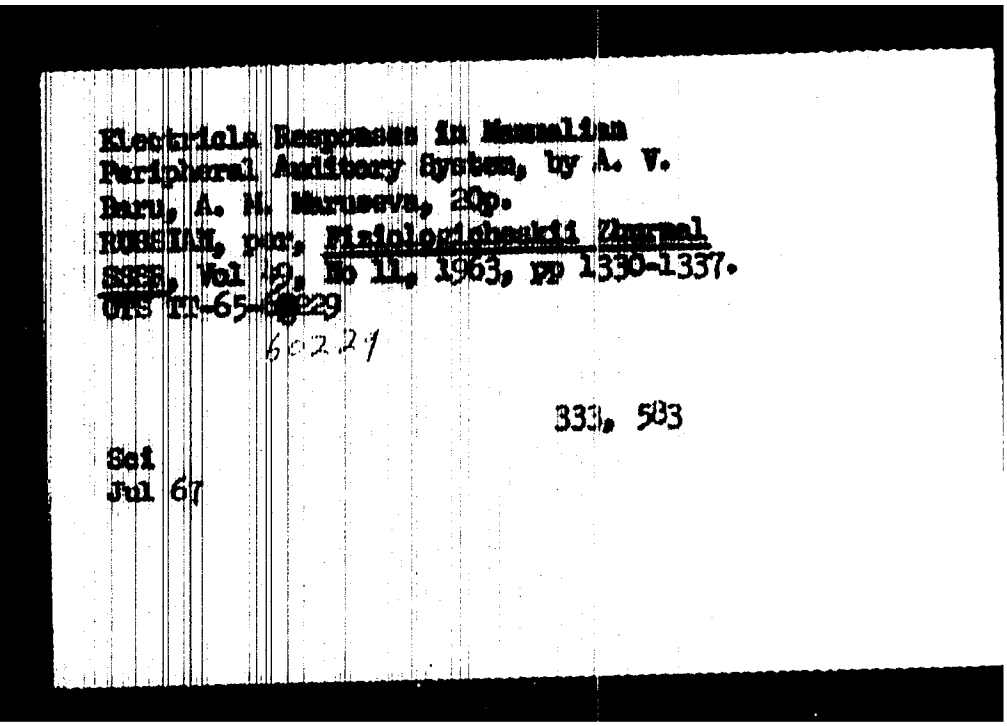
Effect of Various Drinking Patterns on Diuresis Under High Air Temperature and Physical Stress Conditions, by F. T. Meronin.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR imeni I. M. Sechenova, Vol 49, No 10, pp 1249-1253.
FTD-MT F-11,605

Sc1/B4[illegible]
Oct 68

369,164

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2



Electrical Responses in Mammalian Peripheral Auditory System, by A. V. Baru, A. N. Marusova, 20p.
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR, Vol 49, No 11, 1963, pp 1330-1337.
UTS TT-65-60229
60221

333, 583

Sci
Jul 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Investigation of Short-Latency Responses Evoked by Acoustic Stimuli From the Somesthetic and Visual Zone in Unanesthetized Cats, by A. Kreindler, E. Crighel. RUSSIAN, per, Fiziologicheskii Zhurnal SSSR, Vol 49, No 12, 1963, pp 1391-1399. CFS TT-64-19709

Sci-B&M
Jul 66

306,440

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

The Diurnal Rhythm of Functions of Humans in Conditions of Limited Mobility, by N. Ye. Panferova, 14pp.
RUSSIAN, per. Fiziologicheskiy Zhurnal SSSR, Vol 1, 1963, pp 741-749. P100066867
FTD TT 65-1994

Sci-B&M
Mar 67

320,471

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2

Efferent Effects from Visual Coryex on Lateral Geniculate Nucleus in Rabbit, by R. M. Meshcherskiy and V. M. Fedorov, et al, 6 p.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR, Vol XLIX, No 6, 1964, pp 649 ff.
FASEB Fed Proc Tr Suppl, 1964, Vol 23, No 5, pt 2, (p. T1111-T1116)

Sci-B&M
Jul 66

307,258

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301690061-2